

Converting Colors

$Y_{xy}(15.4938, 0.5026, 0.2702)$

Have a look what the booklet for
Yxy(15.4938, 0.5026, 0.2702)
contains.

Yxy(15.4938, 0.5026, 0.2702)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.4938, 0.5026, 0.2702)

Conversions

Conversions Part 1

Format	Color
Hex	D02362
RGB	208, 35, 98
RGB Percent	82%, 14%, 38%
CMY	0.1843, 0.8628, 0.6157
CMYK	0.00, 0.83, 0.53, 0.18
HSL	338°, 71%, 48%
HSV	338°, 83%, 82%
XYZ	28.8201, 15.4938, 13.0281
YIQ	93.9090, 82.8850, 56.2690

Conversions

Conversions Part 2

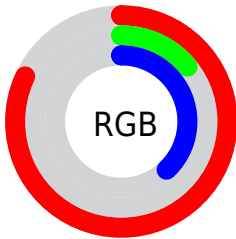
Format	Color
R_{YB}	208, 35, 98
Decimal	13640546
CIE _{Lab}	46.30, 67.36, 8.87
CIE _{LCh}	46, 67.942, 7.498
Yxy	15.4938, 0.5026, 0.2702
Android (android.graphics.Color)	4291830626 (0xFFD02362)
YUV	93.9090, 2.0169, 100.0578
Hunter-Lab	39.3622, 61.8098, 7.9297

Details

The Yxy color **15.4938, 0.5026, 0.2702** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **47.5173, 0.2570, 0.4306**, and the grayscale version is **11.1508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.7055, 0.4433, 0.2830**, and **6.4510, 0.5518, 0.2813** is the 20% darker color. If you saturate the color by 10%, you get **14.3828, 0.5342, 0.2763**, and if you desaturate by 10%, it is **17.3723, 0.4695, 0.2692**.

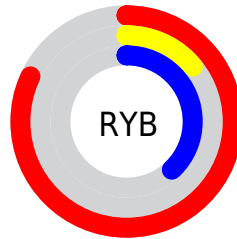
Distribution



Red (82%)

Green (14%)

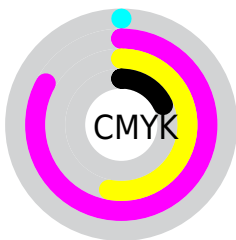
Blue (38%)



Red (82%)

Yellow (14%)

Blue (38%)

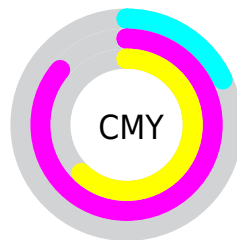


Cyan (0%)

Magenta (83%)

Yellow (53%)

Black (18%)



Cyan (18%)


Magenta (86%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4938, 0.5026, 0.2702 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 15.4938, 0.5026, 0.2702 by changing the saturation by 10% instead.


 15.4938, 0.5026,
0.2702


 15.4938, 0.5026,
0.2702


226.3359, 0.3913,
0.3071


 9.1667, 0.5366,
0.2577


 35.7172, 0.4577,
0.2858


 4.8501, 0.5841,
0.2393

 50.3822, 0.4422,
0.2910


 2.1596, 0.6534,
0.2104

 68.5953, 0.4297,
0.2951

 0.6978, 0.7987,
0.1677

 90.7409, 0.4193,
0.2984

 0.0000, 1.0000,
0.0000

 117.2033, 0.4106,
0.3012

 0.0000, 0.0000,
0.0000

 148.3671, 0.4032,

0.3035

184.6165, 0.3968,
0.3054

■ 15.4938, 0.5026,
0.2702

■ 15.4938, 0.5026,
0.2702

■ 14.3828, 0.5342,
0.2763

■ 17.3723, 0.4695,
0.2692

■ 13.9295, 0.5542,
0.2826

■ 20.1291, 0.4375,
0.2726

■ 23.8595, 0.4084,
0.2793

■ 28.6456, 0.3829,
0.2879

■ 34.5606, 0.3612,
0.2975

■ 41.6713, 0.3432,
0.3074

■ 50.0392, 0.3283,
0.3170

■ 59.7214, 0.3161,
0.3262

■ 70.7717, 0.3061,
0.3348

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15.4938, 0.3664, 0.2053



15.4938, 0.5026, 0.2702



15.4938, 0.5676, 0.3450

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.4938, 0.5026, 0.2702



15.4938, 0.3365, 0.5848



15.4938, 0.1161, 0.1658

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



15.4938, 0.5026, 0.2702



47.5173, 0.2570, 0.4306

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15.4938, 0.1109, 0.2284



15.4938, 0.5026, 0.2702



15.4938, 0.2249, 0.5258

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15.4938, 0.5026, 0.2702



15.4938, 0.4486, 0.5220



15.4938, 0.1437, 0.3596



15.4938, 0.1555, 0.1484

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15.4938, 0.5026, 0.2702



15.4938, 0.5564, 0.3994



15.4938, 0.1437, 0.3596



15.4938, 0.1107, 0.1805

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



15.4947, 0.5026, 0.2702



63.5097, 0.3467, 0.3053



11.7368, 0.2456, 0.1222



12.7199, 0.3530, 0.3018



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.4947, 0.5026, 0.2702



22.0480, 0.5571, 0.2843



16.5648, 0.5833, 0.3471



11.8784, 0.3234, 0.3206



8.6979, 0.5505, 0.2806



0.5014, 0.4998, 0.2527

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



15.4947, 0.5026, 0.2702



22.0480, 0.5571, 0.2843



39.5844, 0.2183, 0.2937



11.8784, 0.3234, 0.3206



8.6979, 0.5505, 0.2806



0.5014, 0.4998, 0.2527

Previews

White Background



This preview shows how the Yxy color 15.4938, 0.5026, 0.2702 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 15.4938, 0.5026, 0.2702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

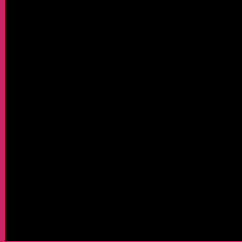
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 15.4938, 0.5026, 0.2702

Background



This preview shows how black text looks on a background with the Yxy color 15.4938, 0.5026, 0.2702.

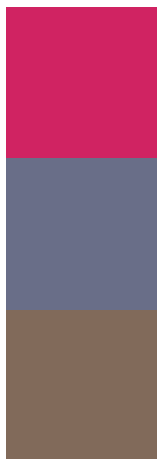


This preview shows how white text looks on a background with the Yxy color 15.4938, 0.5026, 0.2702.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

15.4938, 0.5026, 0.2702

Protanopia

15.9327, 0.2765, 0.2780

Deuteranopia

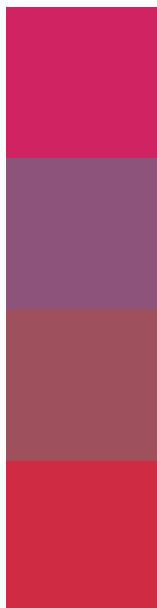
15.7134, 0.3680, 0.3602



Tritanopia

15.5487, 0.5739, 0.3290

Trichromacy



Original Color

15.4938, 0.5026, 0.2702

Protanomaly

13.3424, 0.3472, 0.2608

Deuteranomaly

13.7967, 0.4232, 0.3082

Tritanomaly

15.4720, 0.5534, 0.3097

Monochromacy



Original Color

15.4938, 0.5026, 0.2702

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.7422, 0.3869, 0.2878

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4938, 0.5026, 0.2702 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(208, 35, 98)` looks like.

```
.text, #text, p{  
  color:rgb(208, 35, 98)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(208, 35, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 35, 98) }
```

Border

The CSS property to change the border of an element to Yxy 15.4938, 0.5026, 0.2702 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 35, 98) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(208, 35, 98) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(208, 35, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 35, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 35, 98);  
box-shadow:4px 4px 4px 4px rgb(208, 35,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4938, 0.5026, 0.2702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 35, 98) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(208, 35,  
98) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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